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3/19/02

Applicant: Keith D. ALLEN
Serial No.: 09/897,772
Filed: June 29, 2001
Title: TRANSGENIC MICE CONTAINING BMP
GENE DISRUPTIONS

Examiner: Unknown
Group Art Unit: 1645
Our Docket No.: R-268

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MAR - 4 2002

TECH CENTER 1600/2900

Commissioner of Patents
Washington, D.C. 20231

Sir:

Prior to examination of the above-referenced application, entry of the following amendments is respectfully requested.

In the Specification

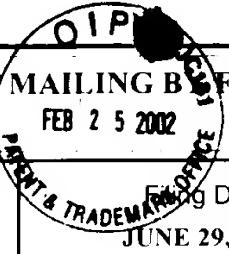
Please replace the paragraph on page 2, lines 6-14 with the following paragraph:

--Among TGF-beta members are the bone morphogenetic proteins (BMP). The BMPs have been indicated as useful in wound healing, tissue repair, and to induce cartilage and/or bone growth. BMPs have potent effects during embryogenesis. One member, BMP-4, has been shown to have potent ventralizing effects in *Xenopus* embryos, leading to the differentiation of blood and mesenchyme and inhibiting the formation of dorsal tissues such as notochord, muscle, and nervous system (*see, e.g.*, Jones *et al.*, *Development* 115:639-647 (1991)). BMP-4 is expressed ventrally in the *Xenopus* embryo and its expression is increased by ventralizing treatments such as irradiation with ultraviolet light.--

Please replace the paragraph at page 51, lines 19-22 with the following paragraph:

--The transgenic mice comprising disruptions in BMP genes were analyzed for phenotypic changes. The phenotypes associated with a disruption in BMP genes were determined. The homozygous mice demonstrated at least one of the following phenotypes:--

1645

CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8) Applicant(s): ALLEN FEB 25 2002		Docket No. R-268	
Serial No. 09/897,772	 Filing Date JUNE 29, 2001	Examiner UNASSIGNED	Group Art Unit 1645
Invention: TRANSGENIC MICE CONTAINING BMP GENE DISRUPTIONS		COPY OF PAPERS ORIGINALLY FILED	
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<p>I hereby certify that this PRELIMINARY AMENDMENT <i>(Identify type of correspondence)</i></p> <p>is being deposited with the United States Postal Service as first class mail in an envelope addressed to: The Commissioner of Patents and Trademarks, Washington, D.C. 20231-0001 on 02/08/02 <i>(Date)</i></p>			
<p>DEBORAH A. MOJARRO <i>(Typed or Printed Name of Person Mailing Correspondence)</i></p> <p> <i>(Signature of Person Mailing Correspondence)</i></p>			
<p>Note: Each paper must have its own certificate of mailing.</p>			